

What is claimed is:

1. A motor for driving a blower fan comprising:
- a cylindrical case body having a front end opening portion and a rear end opening portion;
 - a rear end plate fixed on the rear end opening portion of the case body, the rear end plate having a first bearing;
 - a front end plate fixed on the front end opening portion of the case body, the front end plate having a second bearing;
 - a rotary drive shaft inserted into the central portion of the case body, the rotary drive shaft whose rear end portion is rotatably supported on the rear end plate through the first bearing and whose forward middle portion is rotatably supported on the front end plate through the second bearing;
 - a rotor fixed on the middle portion of the rotary drive shaft;
 - a stator fixed on the inner circumferential surface of the case body to face to the outer circumferential surface of the rotor; and
 - a reinforcing portion provided in the vicinity of an end portion of the stator fixed.

2. The motor as set forth in claim 1 wherein the reinforcing portion is integrally formed with the case body.

3. The motor as set forth in claim 1 wherein the reinforcing portion reinforces a portion of the case body fixing the stator

not to be deformed.

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4. The motor as set forth in claim 1 wherein the reinforcing portion is a reinforcing ring made of hard material, and the reinforcing ring is fixed on a part of the inner circumferential surface of the case body and formed into an annular shape as a whole.

5. The motor as set forth in claim 4 wherein the reinforcing ring comprises a ring portion and a cylinder portion continuing from the outer peripheral edge of the ring portion.

6. The motor for driving a blower fan as set forth in claim 3 wherein the length in the diametrical direction of the ring portion composing the reinforcing ring is set not to be less than the thickness of the stator fixed on the inner circumferential surface of the case body.

7. The motor as set forth in claim 5 wherein, before the reinforcing ring is fixed, the outer circumferential surface of the cylinder portion composing the reinforcing ring has a conic surface inclined in a direction such that the diameter becomes large as a distance from the ring portion is long.

8. The motor as set forth in claim 3, wherein the

, reinforcing ring is fixed by press fitting on a part of the inner circumferential surface of the case body.

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